



# RIVERDALE CITY FIRE DEPARTMENT

## FIRE ALARM AND DETECTION SYSTEM SUBMITTAL

- Fire Alarm System Plans must be submitted to a Third Party Review company approved by the Riverdale City Fire Department. Any corrections required by the third party review must be revised on plans prior to submittal to the Riverdale City Fire Department .
- System designer qualifications:
  - o NICET Level III or better “Engineering Technician”, or
  - o Fire Protection Engineer, or
  - o Licensed Engineer with Specific Additional Fire Protection System Training
- Plans must show designer NICET Certification number with signature or Engineer Stamp with signature.
- Design and installation shall be via the most recent version of NFPA 72 adopted by the State of Utah.
- Working plans shall be drawn to an indicated scale, on sheets of uniform size, with a plan of each floor.
- Proposed use for each room must be shown on plans.
- Manufacturer cut sheets shall be provided.
- Horn/strobe candela setting shall be indicated on the plans.
- Battery calculations shall be submitted with the plans.
- All post indicator valves shall be supervised. Where accessible to the public they shall be locked via chained with a Knox brand padlock.
- All alarm systems where more than five (5) horns or strobes are moved or added, require a permit and an approved third party review.
- Sign: **“FIRE ALARM CONTROL PANEL”** shall be placed on or adjacent to the door leading into fire alarm panel location. Minimum 1 inch red letter white contrasting background or other approved.
- Any structure (except one and two family dwellings) where 20 or more fire sprinkler heads are installed shall have off site monitoring.
- Unfinished tenant spaces shall have at least one horn/strobe device.
- Restrooms shall be strobe only.
- Remote annunciators are required near the main interior areas accessible to the fire department.
- Smoke detection is required at the location of each fire alarm control unit, notification appliance circuit power extenders and supervising station transmitting equipment.
- All Institutional, Hazardous, Large Shopping Malls, and High Rise type occupancies (or other buildings as required) shall have a Knox brand 1300 series cabinet that contains within a detailed floor plan of the building showing all floors, location of critical systems, chemicals (704 insignias) utility shut-offs and significant fire protection system appurtenances.